

Body Fluid Cell Count Reporting Update:

Addition of Calculated White Blood Cell (WBC) Count

April 28, 2026

Effective May 4, 2026, Pacific Diagnostic Laboratories (PDL) will add a calculated white blood cell (WBC) count on the following tests in addition to the total nucleated cell count:

**NEW RESULT COMPONENT FOR
BODY FLUIDS:
CALCULATED WBC COUNT**

- Body Fluid Cell Count with Differential
- Cerebral Spinal Fluid (CSF) Cell Count with Differential
- Synovial Fluid Cell Count with Differential

Background:

Updated cell count technology provides a direct count of total nucleated cells for body fluids. WBC counts are still frequently used in literature and clinical management guidelines. To help assist providers, PDL will calculate and report the WBC count with the differential results.

Result Component	Total Nucleated Cell (TNC) Count	Calculated White Blood Cell (WBC) Count
Method	Direct Count	Calculated
Reported with	Cell Count	Differential
Cells Included	All Nucleated Cells <ul style="list-style-type: none"> • All WBCs • Lining Cells • Other nucleated cells such as: <ul style="list-style-type: none"> ○ Nucleated RBC (nRBC) ○ Tumor Cells ○ Lymphoma Cells 	All WBCs only <ul style="list-style-type: none"> • Neutrophils • Lymphocytes • Monocytes/Macrophages • Eosinophils • Basophils

Calculation Method:

The calculated WBC count is derived from the total nucleated cell count multiplied by the percentages of WBC populations in the manual differential.

NEW Result Components:

Primary Test	Result Name	Result Code	LOINC
Body Fluid Manual Differential	Calculated WBC Count, Fluid	1230019734	26466-3
CSF Manual Differential	Calculated WBC Count, CSF	1230019733	26466-3
Synovial Fluid Manual Differential	Calculated WBC Count, Fluid	1230019734	26466-3

Please contact PDL if full test build information is needed.